

August 20, 1990

MEMO TO FILE
2200 West Bennett

Bob Corson and Steve Short tested the atmosphere in the Syntex sampling manhole, our manhole Syntex discharges into, and the second manhole upstream.

	L.E.L.	O2
Syntex sampling manhole	10%	16.5%
City manhole	8%	18.5%
2nd manhole upstream	0%	12.4%

The situation will be investigated further.



Steve Short

cc file

2200 W. BENNETT

August 15, 1990

MEMO TO FILE
2222 West Bennett

This office received a phone call from Shatz Excavating, 2222 West Bennett, that they were smelling gasoline fumes in their building. The L.E.L.'s in the restrooms were checked. The wax seal around the stool in the office restroom apparently is leaking and registered 15% L.E.L. There are two stools in the workers restroom and each indicated a 1-3% L.E.L. Floor drains in the restrooms and conference room were tested and indicated no problem.

MH 13, Wye Map S-6 was tested. With the lid off, the L.E.L. was 4%, and O2 alarm, 18.5%.

MH 8, Wye Map S-6 was tested. The the L.E.L. was 1%, with O2 alarm.

The Syntex sampling manhole and MH 12, Wye Map S-6 were bolted down. Base 4 was called and asked to call Syntex and have them test their discharge for L.E.L. and O2.

An inspection of the tipping floor at Waste Management, 2120 West Bennett was made with Mark Murry. No problems were noted.

An inspection of the tipping floor at BFI, 2115 West Bennett was made with Terry Stone. No problems were noted.

Returned to Syntex and observed David Houck use their CGI and O2 meter. Mr. Houck, Art Greene, and myself tested the waste tank, 0% L.E.L.; TC-1 sampling manhole, 0% L.E.L., < 19.5% O2 alarm; main plant sampling manhole 16% L.E.L., < 18.0% O2; MH 12, Wye Map S-6, 2% L.E.L., < 19.5% O2 alarm.

MH 3, Wye Map T-6 (SE corner Ewing Park) was tested with Mr. Houck, 0% L.E.L., and < 19.5% O2 alarm.

MH 16, Wye Map S-8 (Fort Street crossing) was tested with Mr. Houck, 0% L.E.L., and < 19.5% O2 alarm.

Randy Lyman was advised by radio to inform sewer maintenance and night crews to avoid large mains in the area due to the O2 problem. Fire Marshal Hosey was advised of the Shatz Excavating L.E.L. problem. The Southwest Plant Shift Supervisor was advised of the L.E.L. and O2 problem.

DISCUSSION

While the Shatz people indicated their problem was gasoline fumes I could not distinguish a gasoline odor but more of a chemical odor. From field observations it may be possible the source of the L.E.L. and O2 problems are related. It appeared the O2 was displaced in the manholes, even with the